

Patent Abstracts of Japan

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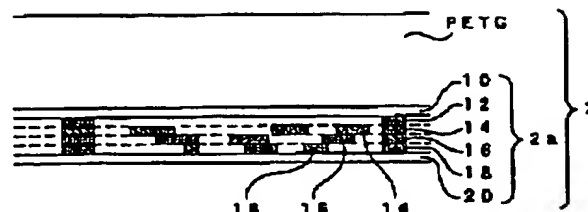
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TITLE : PRINTING METHOD FOR SYNTHETIC  
RESIN FILM FOR DECORATIVE SHEET  
FOR PLAY PANEL AND SYNTHETIC  
RESIN FILM FOR DECORATIVE SHEET  
FOR PLAY PANEL



ABSTRACT : PROBLEM TO BE SOLVED: To improve the adhesion strength of a print layer in the case of ultraviolet printing to a synthetic resin film for the decorative sheet of a game machine.

SOLUTION: One side of a PETG film is coated with an anchor layer 10 of a ultraviolet setting ink and irradiated with ultraviolet rays for about one second just later, after resting for about three hours, an ultraviolet setting black ink 12 is printed on the anchor layer 10 and irradiated with ultraviolet rays for about one second, continuously, an ultraviolet setting indigo ink 14, a red ink 16 and a yellow ink 18 are successively printed and after printing of the yellow ink 18, the film is irradiated with ultraviolet rays for about one second. Further, a white cover layer 20 is printed and the synthetic resin film for decorative sheet is completed. Since the anchor layer 10 is rested, the adhesion strength of a print layer 2a and the PETG film is extremely improved and when the decorative sheet is prepared by adhering a mount on the side of this print layer 2a, the decorative sheet is not peeled on the boundary of the print layer 2a and the PETG film.

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